

# Comparisons of Job Characteristics

**Focus Occupation:** [Emergency Medical Technicians and Paramedics \(29-2041\)](#)

**Associated Occupation:** [Registered Nurses \(29-1111\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 77

**Focus Occupation:** Emergency Medical Technicians and Paramedics (29-2041)

**Associated Occupation:** Registered Nurses (29-1111)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Psychology	6.4	19.5	12.5	<< Extensive education and/or training may be required
Customer and Personal Service	11.3	18.5	21.0	> Current knowledge level is likely sufficient
Medicine and Dentistry	3.7	17.8	16.4	0 Current knowledge level may be sufficient
Therapy and Counseling	3.8	16.2	10.5	<< Extensive education and/or training may be required
Education and Training	9.2	14.7	16.6	> Current knowledge level is likely sufficient
Biology	3.7	13.3	7.0	<< Extensive education and/or training may be required
Sociology and Anthropology	4.1	12.1	5.3	<< Extensive education and/or training may be required
Chemistry	4.8	9.8	6.0	<< Extensive education and/or training may be required
Philosophy and Theology	3.2	9.2	3.7	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 91

**Focus Occupation:** Emergency Medical Technicians and Paramedics (29-2041)

**Associated Occupation:** Registered Nurses (29-1111)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Social Perceptiveness	9.1	14.9	11.2	<< Extensive development of skills in this area may be required

Monitoring	9.9	13.6	10.6	<<	Extensive development of skills in this area may be required
Service Orientation	7.9	12.7	11.9	0	Current skill level may be sufficient
Judgment and Decision Making	9.4	12.5	10.5	<	A higher skill level may be required
Active Learning	8.7	12.2	11.4	0	Current skill level may be sufficient
Coordination	9.1	12.2	11.6	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation: Registered Nurses (29-1111)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Problem Sensitivity	11.1	17.3	12.8	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	15.3	11.6	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	14.0	11.6	<	Some improvement in abilities may be required
Speech Recognition	9.9	13.5	11.6	<	Some improvement in abilities may be required
Information Ordering	9.9	12.8	10.8	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	10.9	10.7	0	Current ability level may be sufficient
Speed of Closure	5.9	9.5	8.5	<	Some improvement in abilities may be required
Memorization	5.6	8.1	7.5	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation: Registered Nurses (29-1111)

Work Activities	Exclusivity of Activity
Administer injections	60
Administer medications or treatments	46
Communicate technical information	4
Follow infectious materials procedures	52
Follow life support procedures	81
Identify body response variations	57

Inventory medical supplies or instruments	67
Lift or transport ill or injured patients	69
Make presentations on health or medical issues	50
Obtain information from clients, customers, or patients	40
Prepare patient reports	66
Record medical history or data	68
Set up patient care equipment	75
Take vital signs	56
Understand properties or composition of drugs	64
Understand technical operating, service or repair manuals	6
Use knowledge of investigation techniques	16
Use knowledge of medical terminology	40
Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 84

**Focus Occupation: Emergency Medical Technicians and Paramedics (29-2041)**  
**Associated Occupation: Registered Nurses (29-1111)**

Tools and Technologies	Exclusivity
Acute care monitoring units and related products	22
Airway management products	30
Blood pressure units and related products	11
Cardiac pacemakers and related products	43
Casting and splinting supplies	25
Computers	1
Data management and query software	1
Electrocardiography EKG units and related products	20
Emergency medical services extricating and immobilizing and transporting products	35
Emergency medical services resuscitation products	15
Industry specific software	1
Injection and aspiration needles and accessories	25
Intravenous and arterial cannulas and catheters and accessories	29
Intravenous and arterial tubing and administration sets and related products	22
Intravenous infusion pumps and its analyzers and sensors and its accessories	31
Intubation supplies	21
Medical suction and vacuum products	33
Oxygen therapy delivery systems and devices	13
Patient point of care testing supplies and equipment	23
Personal communication devices	2
Pulse oximeters	18
Respiratory humidity and aerosol therapy products	31
Restraints and accessories	37

Resuscitation supplies	29
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Surgical cutting instruments and snares and related products	24
Syringes and accessories	14
Thoracentesis products	47

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.